

Safety Data Sheet According to Hazard Communication Standard (29 CFR 1910.1200)

PolyLite[™] ASA

Version 1.0 Issue date: 04/17/2019 Revision date: 04/17/2019

SDS record number: CSSS-TCO-010-130891

1. Product and Company Identification		
Material name	PolyLite™ ASA	
CAS #	See section 3	
Product code	-	
Product use	3D Printing Filament	
Manufacturer/Supplier		
Supplier(Manufacturer):	JF Polymers (Suzhou) Co., Ltd.	
Address:	Haicheng Industrial Park, Bldg 7, Changshu Economic Development Zone (CEDZ),	
	Changshu, Jiangsu Province 215513, China	
Contact person(E-mail):	zhenggang.cai@polymaker.com	
Telephone:	+86-512-52058005	
Fax:	-	
Emergency telephone Number:	+86-512-52058005	
2. Hazards identification		
GHS classification		
Physical hazards	Not classified	
Health hazards	Not classified	
Environmental hazards	Not classified	
GHS label elements		
Hazard Pictograms	No hazard pictogram is used.	
Signal word	No signal word is used.	
Hazard statement	Not applicable.	
Precautionary statement		
Prevention	Not applicable.	
Response	Not applicable.	
Storage	Not applicable.	
Disposal	Not applicable.	
Other hazards	Not available.	
3 Composition / Information on Ingre	odients	

3. Composition / Information on Ingredients

Components	CAS#	Percent
ASA	25852-38-4	97-100%
Typical stabilizers & lubricants	N/A	0-3%

4. First Aid Measures

First	aid	procedures
11131	ana	procedures

Eye contact	None expected to require first aid measures. Flush with running water for at least
	15 minutes. If irritation persists get medical attention.
Skin contact	None expected to require first aid measures. Wash thoroughly with soap and water.
	Get medical attention in the unlikely event that irritation persists.
Inhalation	None expected to require first aid measures. If breathed in, remove victim to fresh
	air and keep at rest in a position comfortable for breathing. If you feel unwell, seek
	medical attention.

Ingestion	Immediate first aid is not likely to be required. A physician or poison control center can be contacted for advice.
Notes to physician	Treat symptoms.
5. Fire Fighting Measure	
Flammable properties	Not available.
Extinguishing media	
Suitable extinguishing media	Use extinguishers suitable for surrounding fire.
Unsuitable extinguishing media	Not available.
Firefighting equipment/instructions	Wear self contained breathing apparatus for fire fighting if necessary.
Hazardous combustion products	Carbon oxides.
6. Accidental Release Measures	
Personal precautions	Use personal protective equipment. Ensure adequate ventilation. Evacuate personnel to safe areas.
Environmental precautions	Avoid disposing into drainage/sewer system or directly into the aquatic environment.
Methods for cleaning up	Sweep up and shovel into suitable containers. Clean up affected area.
7. Handling and Storage	
Handling	Ensure good ventilation/exhaustion at the workplace. Wash thoroughly after handling.
Handling Storage	
-	handling.
-	handling. Store in cool place. Keep container tightly closed in a dry and well-ventilated place.
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Physical state	Solid
Form	Solid
Color	Milky
Odor	Odorless
Odor threshold	Not available
рН	Not available
Vapor pressure	Not available
Vapor density	Not available
Boiling point	Not available

Melting point/Freezing point	Not available
Solubility (water)	Insoluble
Relative Density	1.07
Flash point	Not available
Partition coefficient	Not available
Flammability limits in air, upper, %by volume	Not available
Flammability limits in air, lower, % by volume	Not available
Auto-ignition temperature	Not available
VOC	Not available
Percent volatile	Not available
Molecular Formula	Not available
Molecular Weight	Not available
Other data	
Viscosity	Not available
Dissociation constant	Not available

10. Chemical Stability & Reactivity Information

Reactivity	The substance is stable under normal storage and handling conditions.
Chemical stability	Material is stable under normal conditions.
Conditions to avoid	Incompatible materials.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	Carbon oxides.
Possibility of hazardous reactions	No hazardous reactions known.

11. Toxicological Information

Toxicokinetics, metabolism and distribution:

Non-human toxicological data:	Not available
Information on toxicological effects:	
Acute toxicity:	
LD50(Oral, Rat):	Not available
LD50(Dermal, Rabbit):	Not available
LC50(Inhalation, Rat):	Not available
Skin corrosion/Irritation:	Not classified
Serious eye damage/irritation:	Not classified
Respiratory or skin sensitization:	Not classified
Germ cell mutagenicity:	Not classified
Carcinogenicity:	Not classified
Reproductive toxicity:	Not classified
STOT- single exposure:	Not classified
STOT-repeated exposure:	Not classified
Aspiration hazard:	Not classified

12. Ecological Information

Toxicity:

Acute to	Acute toxicity		ity Time Species Method		Evaluation Remark	
LC50	N/A	96h	Fish	OECD 203	N/A	N/A
EC50	N/A	48h	Daphnia	OECD 202	N/A	N/A
EC50	N/A	72h	Algae	OECD 201	N/A	N/A

Persistence and degradability:	Not available					
Bioaccumulative potential:	Not available.					
Mobility in soil:	Not available					
Results of PBT&vPvB assessment:	Not available					
Other adverse effects:	Not available					
13. Disposal Considerations						
Disposal instructions	Dispose	of	contents/container	in	accordance	with
	local/regional	/national	/international regulations.			
Contaminated packaging	Since emptie	d contai	ners may retain product r	esidue, f	ollow label warnir	igs even
	after containe	er is emp	tied.			
14. Transport Information						
DOT						
Basic shipping requirements:						
UN number	Not regulated	l				
Proper shipping name	Not regulated	l				
Hazard class	Not regulated	l				
Packing group	Not regulated	l				
Environmental hazards	No					
ΙΑΤΑ						
UN number	Not regulated	l				
UN proper shipping name	Not regulated	l				
Transport hazard class(es)	Not regulated	l				
Packing group	Not regulated	l				
Environmental hazards	No					
IMDG						
UN number	Not regulated	l				
UN proper shipping name	Not regulated	l				
Transport hazard class(es)	Not regulated	l				
Packing group	Not regulated	l				
Environmental hazards	No					
15. Regulatory Information						
US federal regulations						
Toxic Substances Control Act (TSCA)						
TSCA Section 12(b) Export Notification (4	0 CFR 707, Sul	bpt. D)				
Not regulated.						
CERCLA Hazardous Substance List (40 C	FR 302.4)					
Not listed.						
SARA 304 Emergency release notification	ı					
Not regulated.						
OSHA Specifically Regulated Substances	(29 CFR 1910.	1001-10	53)			
Not regulated.						
Superfund Amendments and Reauthorization	Act of 1986 (S	ARA)				
SARA 302 Extremely hazardous substance	e					
Not listed.						
SARA 311/312 Hazardous chemical	No					
Material name: PolyLite™ ASA	04 17 2010					SDS US

SARA 313 (TRI reporting)	
Not regulated.	
Other federal regulations	
Clean Air Act (CAA) Section 112 Haza	rdous Air Pollutants (HAPs) List
Not regulated.	
Clean Air Act (CAA) Section 112(r) Act	cidental Release Prevention (40 CFR 68.130)
Not regulated.	
Safe Drinking Water Act (SDWA)	Not regulated.
16. Other Information	
HMIS®ratings	Health: 0
-	Flammability: 1
	Physical hazard: 0
NFPA ratings	Health: 0
	Flammability: 1
	Instability: 0
Disclaimer	The information in the sheet was written based on the best knowledge and
	experience currently available.
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